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DETAILED ACTION

In view of ***Appeal Brief*** filed on 4 January 2010 and an authorization for this Examiner's Amendment given in a telephone interview with Laura M. Kelley on 12 January 2010, the claimed subject matters are thus distinctly pointed out as patentable features to place the application in the condition for allowance.

Examiner's Amendment

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this Examiner's Amendment was given in a telephone interview with Laura M. Kelley (Reg. No. 48,441) on 12 January 2010.

This application has been amended as follows:

IN THE CLAIMS

Replace claim 1, 14, 18 and 31 as follows.

CLAIM 1:

A method of providing a dynamic security management in an apparatus, the apparatus comprising: a platform for running an application; a security manager for handling access of the application to functions existing in the apparatus; an application interface between the platform

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and the application; a set of access permissions stored in the apparatus and used by the security manager for controlling access of the application to functions through the application interface the method comprising:

configuring at least one processor to perform the functions of:

downloading into the apparatus an object containing additional access permissions and other permission information to be associated with security policy contained in the downloaded object as well as access permissions already existing in the apparatus, wherein the permissions are applicable to at least one function, the object comprising new routines and/or new functions;

verifying the object and the associated permissions linked to the existing access permissions; ~~and~~

providing the security policy with a hierarchical structure including the access permissions in the security policy and the object containing additional access permissions and other permission information; and

installing the access permissions together with the existing permissions, the object enhancing the application interface with the new routines and/or new functions.

CLAIM 14:

A method of providing a dynamic security management in an apparatus, the apparatus comprising: a platform for running an application; a security manager for handling access of the application to functions existing in the apparatus; an application interface between the platform and the application; a set of access permissions stored in the apparatus and used by the security manager for controlling access of the application to functions through the application interface, the method comprising:

configuring at least one processor to perform the functions of:

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storing the access permissions in a security policy;

downloading into the apparatus an object containing additional access permissions and other permission information to be associated with security policy contained in the downloaded object as well as the access permissions already existing in the security policy, wherein the permissions are applicable to at least one function and the object includes new routines and/or new functions; and

verifying the object and the associated permissions linked to the existing access permissions;

providing the security policy with a hierarchical structure including the access permissions in the security policy and the object containing additional access permissions and other permission information so that the object enhances the application interface with the new routines and/or new functions; and

installing the access permissions together with the existing permissions.

CLAIM 18

An apparatus with dynamic security management comprising:

a platform for running an application;

a security manager for handling access of the application to functions existing in the apparatus;

an application interface between the platform and the application;

a set of access permissions stored in the apparatus and used by the security manager for controlling access of the application to functions through the application interface wherein the apparatus is configured to download an object containing additional access permissions and other permission information to be associated with security policy contained in the downloaded

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objects as well as access permissions already existing in the apparatus, wherein the permissions are applicable to at least one function, the object comprising new routines and/or new functions;

to verify the object ~~and the associated permissions linked to the existing access permissions; and~~

~~to provide the security policy with a hierarchical structure including the access permissions in the security policy and the object containing additional access permissions and other permission information; and~~

to install the access permissions together with the existing permissions, the object enhancing the application interface with the new routines and/or new functions.

CLAIM 31

An apparatus for providing a dynamic security management comprising:

a platform for running an application;

a security manager for handling access of the application to functions existing in the apparatus;

an application interface between the platform and the application;

a set of access permissions stored in the apparatus and used by the security manager for controlling access of the application to functions through the application interface, ~~wherein the apparatus is configured to store the access permissions in a security policy; and provide the security policy with a hierarchical structure; wherein the apparatus is configured to download an object containing additional access permissions to be associated with security policy contained in the downloaded objects as well as access permissions already existing in the apparatus,~~

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wherein the permissions are applicable to at least one function, said object comprising new routines and/or new functions;

to verify the object and the associated permissions linked to the existing access permissions; and

to provide the security policy with a hierarchical structure including the access permissions in the security policy and the object containing additional access permissions and other permission information; and

to install the access permissions together with the existing permissions; said object enhancing the application interface with the new routines and/or new functions.

Allowable Subject Matter

Claims 1 – 35 are allowed.

The following is an examiner's statement of reasons for allowance:

The above mentioned claims are allowable over prior arts because the CPA (Cited Prior Art) of record fails to teach or render obvious the claimed limitations in combination with the specific added limitations recited in claims 1, 14, 18 and 31 (& associated dependent claims).

Claims 1 – 35 are allowable in light of the Applicant's arguments on Appeal Brief and Examiner Amendment and in light of the prior art made of record.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to LONGBIT CHAI whose telephone number is (571)272-3788. The examiner can normally be reached on Monday-Friday 9:00am-5:00pm.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William R. Korzuch can be reached on (571) 272-7589. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Longbit Chai/
Primary Patent Examiner
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1/12/2010